The Examiner is respectfully requested to amend the above-identified application as follows:

IN THE CLAIMS:

Please amend Claims 1, 10-12, 17, 21, 22, 25, 34-36, 39-41, 43, 45, 46, 50, and 51 to read as follows. A marked-up copy of the amended claims, showing the changes made thereto, is attached.

1. (Twice Amended) A data transmission method for host and target devices connected by a serial bus, said method comprising the steps of:

performing bi-directional communication by using an initial protocol between the host and target devices; and

selectively setting a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication,

wherein the data transfer method is set by the host device in accordance with a data transfer method set in the target device.

9 10. (Twice Amended) An image processing apparatus comprising:

a communication section, arranged to perform communication with a target device by:

performing bi-directional communication by using an initial protocol between a host device and the target device, and

selectively setting a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication, wherein the data transfer method is set by the host device in accordance with a data transfer method set in the target device; and

a transmitter, arranged to transmit image data to the target device via said communication section.

10 11. (Twice Amended) An image processing apparatus comprising:

a communication section, arranged to perform communication with a host device by:

performing bi-directional communication by using an initial protocol between the host device and a target device, and

selectively setting a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication,

wherein the data transfer method is set by the host device in accordance with a data transfer method set in the target device; and

  a processor, arranged to process image data received from the host device via said communication section.

  12. (Twice Amended) A data transmission apparatus connected to a serial bus, comprising:

  a communication section, arranged to perform bi-directional communication by using an initial protocol with a target device; and

  a setting section, arranged to selectively set a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication,

  wherein the data transfer method is set in accordance with a data transfer method set in the target device.

  17. (Twice Amended) A data transmission apparatus connected to a serial bus, said apparatus comprising:

  a communication section, arranged to perform bi-directional communication by using an initial protocol with a host device; and

  a transfer section, arranged to perform data transfer with the host device by a

data transfer method selectively set from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication,

wherein the data transfer method is set by the host device in accordance with a data transfer method set in the apparatus.

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21. (Twice Amended) The apparatus according to claim 17, further comprising a formation section arranged to form a visible image on a print medium based on data received by said transfer section.

22. (Twice Amended) A data transmission system for transferring data through a serial bus, comprising:

a communication section, arranged to perform bi-directional communication by using an initial protocol between host and target devices; and

a setting section, arranged to selectively set a data transfer method to be performed from a plurality of data transfer methods, including a synchronous transfer method, which performs flow control, and an asynchronous transfer method by using the bi-directional communication,

wherein the data transfer method is set by the host device in accordance with a data transfer method set in the target device.

21. 25. (Twice Amended) A data transmission method of host and target devices which are connected by a serial bus, said method comprising the steps of:

transferring data from the host device to the target device, by using a transfer method selected by the host device from an isochronous transfer method and an asynchronous transfer method in accordance with a data transfer method set in the target device; and

transferring a procedure signal for transfer of the data to the host and target devices by a common asynchronous transfer which is performed using an initial protocol.

30. 34. (Twice Amended) An image processing apparatus comprising:

a communication section, arranged to perform communication with a target device by:

transferring data from a host device to the target device, by using a transfer method selected by the host device from an isochronous transfer method and an asynchronous transfer method in accordance with a data transfer method set in the target device, and

transferring a procedure signal for transfer of the data to the host and target devices by a common asynchronous transfer which is performed using an initial protocol; and

a transmitter, arranged to transmit image data to the target device via said communication section.

31. 35. (Twice Amended) An image processing apparatus comprising:

a communication section, arranged to perform communication with a host device by:

transferring data from the host device to a target device, by using a transfer method selected by the host device from an isochronous transfer method and an asynchronous transfer method in accordance with a data transfer method set in the target device, and

transferring a procedure signal for transfer of the data to the host and target devices by a common asynchronous transfer which is performed using an initial protocol; and

a processor, arranged to process image data received from the host device via said communication section.

32. 36. (Twice Amended) A data transmission apparatus connected to a serial bus, comprising:

a transfer section, arranged to transfer a procedure signal for data transfer by a common asynchronous transfer, which is performed using an initial protocol, to a target device; and

a transmitter, arranged to transmit data to be transmitted to the target device by using a transfer method, which is selected from an isochronous transfer method and an asynchronous transfer method in accordance with a data transfer method set in the target device.

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34 39. (Twice Amended) The apparatus according to claim 33 36, wherein said transmitter selects the isochronous transfer method or the asynchronous transfer method based on the procedure signal transferred by the common asynchronous transfer.

35 40. (Amended) The apparatus according to claim 33 36, wherein the data transmitted by said transmitter is image data.

36 41. (Twice Amended) A data transmission apparatus connected to a serial bus, comprising:

a transfer section, arranged to transfer a procedure signal for data transfer by a common asynchronous transfer, which is performed using an initial protocol, to a host device; and

a receiver, arranged to receive data from the host device by using a transfer method selected by the host device from an isochronous transfer method and an asynchronous transfer method in accordance with a data transfer method set in said apparatus.

38 42. (Twice Amended) The apparatus according to claim 36 41, wherein the host device sets the data transfer method corresponding to said receiver based on the procedure signal transferred by the common asynchronous transfer.

40 43. (Twice Amended) The apparatus according to claim 36 41, further comprising

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a formation section, arranged to form a visible image on a print medium based on data received by said receiver.

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46. (Twice Amended) A data transmission system for transferring data through a serial bus, comprising:

a first transfer section, arranged to transfer a procedure signal for data transfer by common asynchronous transfer, which is performed using an initial protocol, to host and target devices; and

a second transfer section, arranged to perform data transfer between the host and target devices by using a transfer method selected by the host device from an isochronous transfer method and an asynchronous transfer method in accordance with a data transfer method set in the target device.

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50. (Twice Amended) A computer program product comprising a computer readable medium storing computer program codes for executing data transmission of host and target devices which are connected by a serial bus, said product comprising process procedure code for:

performing bi-directional communication by using an initial protocol between the host and target devices; and

selectively setting a data transfer method to be performed from a plurality of data transfer methods including a synchronous transfer method, which performs flow control, and